AMENDMENTS TO THE CLAIMS (THIS LISTING REPLACES ALL PRIOR LISTINGS):

1. (Currently Amended) A radar ~~Radar~~ transceiver~~, containing~~ comprising:

[[-]] ~~at least one~~ an oscillator~~, which comprises at least one~~ comprising an active circuit component ~~element~~, ~~at least one~~ a resonant circuit, and ~~at least one~~ a circuit component ~~that is applicable~~ for frequency ~~detuning~~ tuning,

[[-]] ~~at least one~~ a mixer ~~comprising at least one~~ comprising a diode and ~~at least one~~ a passive circuit component, and ~~element,~~

[[-]] a substrate ~~(SU) with~~ comprising multiple layers, the multiple layers comprising at least two dielectric layers ~~located directly~~ stacked ~~on top of each other~~, the substrate having a ~~with~~ metallized top surface, a metallized bottom surface, and metallized internal surfaces ~~being~~ located ~~on top, below and~~ between the dielectric layers,

[[-]] wherein an ~~one or more~~ ~~individual~~ electronic ~~components (CB) located~~ component on the metallized top ~~side~~ surface of the substrate comprises ~~(SU), which components comprise~~ [[-]] at least one active or nonlinear circuit component of the mixer and [[-]] at least one active or nonlinear circuit component of the oscillator, and

wherein ~~where~~ the ~~at least single~~ passive circuit ~~element~~ component of the mixer or the ~~at least single~~ resonant circuit of the oscillator is integrated in ~~the~~ one or more metallized surfaces of the substrate. ~~(SU).~~

2. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to Claim~~ of claim 1, wherein the oscillator ~~is~~ comprises a voltage-controlled oscillator (VCO).

3. (Currently Amended) The radar ~~Radar~~ transceiver ~~according Claim 1 or 2~~ of claim 1, wherein the ~~oscillator comprises~~ circuit component for frequency tuning comprises a nonlinear circuit component. ~~element for frequency detuning located on the top side of the substrate.~~

4. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to Claim 3~~ of claim 1, wherein the ~~nonlinear~~ circuit ~~element~~ component for frequency ~~detuning~~ tuning comprises ~~is~~ a varactor diode.

5. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 4~~ of claim 1, wherein the mixer ~~contains~~ comprises a hybrid ring that is integrated in the substrate. ~~(SU).~~

6. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 5~~ of claim 1, further comprising a frequency divider ~~(FD)~~ for dividing ~~the~~ a frequency of ~~the~~ an output signal of the oscillator.

7. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 6~~ of claim 6, wherein the frequency divider comprises ~~comprising~~ a phase-locked loop. ~~which is integrated in the circuit of the frequency divider.~~

8. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 7~~ of claim 1, wherein the metallized bottom surface of the substrate comprises ~~having~~ a terminal ~~on the bottom side of the substrate~~ for ~~connecting~~ connection for connecting to an external antenna.

9. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 8~~ of claim 1, further comprising ~~wherein at least~~ a part of at least one antenna ~~(TX-ANT, RX-ANT)~~ that is ~~located~~ on the top ~~side~~ metallized surface of the substrate or the bottom ~~side~~ metallized surface of the substrate.

10. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 9~~ of claim 1, further comprising ~~at least one~~ a cover film ~~(SF), which covers~~

for covering the ~~one or more individual~~ electronic component at least partly ~~components completely and serves the purpose of protecting one or more individual electronic components from dust, humidity and mechanical effects~~.

11. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to Claim 10~~ of claim 10, further comprising ~~wherein the cover film is covered by~~ a metal layer that at least partly covers the cover film.

12. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 11~~ of claim 10, ~~which~~ further comprising ~~is encased by~~ a casting resin that at least partly encases the cover film.

13. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 12~~ of claim 1, ~~which contains~~ wherein at least one circuit element ~~(IE)~~ selected from among an inductance, a capacitance, a line or line termination ~~that~~ is integrated in the substrate. ~~(SU).~~

14. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 13~~ of claim 1, wherein the ~~one or more individual~~ electronic component comprises ~~components (CB) on the top side of the substrate (SU) are selected from among~~ a microwave chip, a millimeter wave chip or an ~~IC~~ integrated circuit element.

15. (Currently Amended) The radar ~~Radar~~ transceiver according to ~~Claim~~ claim 14, wherein the ~~at least single IC~~ integrated circuit element comprises a ~~represents an MMIC~~ [[-]] monolithic microwave integrated circuit [[-]] element.

16. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 15~~ of claim 1, wherein the ~~one or more individual~~ electronic component is

~~components are~~ mechanically and electrically connected to the substrate ~~(SU)~~ via flip chip technology or ~~SMD~~ surface mounted device technology.

17. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 16~~ of claim 1, further comprising one or more ~~individual~~ electronic components ~~(CB),~~ selected from among the following components: a discrete passive circuit element including a coil, a capacitor and a resistor, or which presents a compact circuit block, which contains at least one individual electronic component selected from among a coil, a capacitor or a resistor, including any combination of ~~said~~ individual components.

18. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 17~~ of claim 1, wherein the substrate ~~(SU) contains~~ comprises at least two layers of ~~LTCC or HTCC ceramic~~ [[-]] low temperature cofired ceramic, or high temperature cofired ceramic.

19. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 14 to 18~~ of claim 1, ~~which contains at least one~~ further comprising:

a mixer diode or ~~at least one~~ a chip element that performs ~~, which accomplishes~~ a mixer function[[,]]; and

a ~~IC~~ integrated circuit element~~, which comprises~~ that comprises at least a part of the oscillator and a ~~the~~ frequency divider. ~~(FD)~~.

20. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 14 to 19~~ of claim 1, wherein at least a part of the oscillator, ~~the~~ a frequency divider, ~~(FD)~~ and the mixer is ~~realized~~ provided in one, two or three ~~IC~~ integrated circuit elements.

21. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 20~~ of claim 1, wherein frequency modulation occurs via ~~takes place by means of~~ frequency keying of ~~an~~ the oscillator, an amplifier associated with the radar transceiver, or a very high frequency switch associated with the radar transceiver.

22. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 21~~ of claim 1, wherein amplitude modulation occurs via ~~takes place by means of~~ amplitude keying of the oscillator, an amplifier associated with the radar transceiver, or a very high frequency switch associated with the radar transceiver.

23. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 13 to 22~~ of claim 1, ~~wherein the at least single~~ further comprising an integrated circuit ~~IC~~ element ~~comprises at least one~~ comprising an amplifier that is in ~~the~~ a transmission or reception path of the radar transceiver.

24. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to at least one of the Claims 1 to 23~~ of claim 1, ~~which~~ wherein the radar transceiver comprises ~~is configured as~~ a low temperature cofired ceramic ~~an LTCC~~ module or as partial modules that are electrically connected with each other, where said partial modules are installed by machine using ~~SMD~~ surface mounted device technology.

25. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to Claim 1~~ of claim 1, wherein the substrate comprises ~~(SU) is~~ as a monolithic ceramic object.

26. (Currently Amended) The radar ~~Radar~~ transceiver ~~according to Claim 1~~ of claim 1, wherein the ~~at least single~~ passive circuit ~~element~~ component of the mixer, ~~and/or~~ the ~~at least single~~ resonant circuit of the oscillator, or both, are ~~is~~ at least partially integrated in at least one ~~of the~~ internal metallized ~~surfaces~~ surface of the substrate. ~~(SU).~~